

INVENTOR INFORMATION

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Inventor Two Given Name: GREGORY
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CORRESPONDENCE INFORMATION

Correspondence Customer Number: 05514
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APPLICATION INFORMATION

Title Line One: PARITY CHECK MATRIX AND METHOD
Title Line Two: OF FORMING THEREOF

Total Drawing Sheets: 6
Formal Drawings?: Yes
Application Type: Utility
Docket Number: 2666.69
Secrecy Order in Parent Appl.?: No

REPRESENTATIVE INFORMATION

Representative Customer Number: 05514

The figure consists of seven vertically stacked histograms labeled \$k=0\$ through \$k=7\$. Each histogram shows the frequency of the number of non-zero elements in the vector \$\mathbf{x}_k\$. The x-axis for all plots ranges from 0 to 100. The y-axis represents frequency, with scales varying between plots: \$k=0\$ has a scale up to 8; \$k=1\$ up to 10; \$k=2\$ up to 12; \$k=3\$ up to 14; \$k=4\$ up to 16; \$k=5\$ up to 18; and \$k=6\$ up to 20. As \$k\$ increases, the peak of the distribution shifts to the right, indicating that more elements in the vector become non-zero over time.

Filing Date: 6-28-00

Priority Claimed: Yes